

DRIVER FOR A POWER CONVERTER AND A METHOD OF DRIVING A SWITCH THEREOF

ABSTRACT OF THE DISCLOSURE

A driver for a power converter, method of driving a switch thereof, and a power converter employing the same. In one embodiment, the driver includes switching circuitry referenced to a voltage level and configured to provide a drive signal for a switch referenced to another voltage level and subject to a control voltage limit. In a related, but alternative embodiment, the driver is employable with a power converter couplable to a source of electrical power adapted to provide an input voltage thereto. The power converter includes a power train having a switch referenced to the input voltage and subject to a control voltage limit. The driver includes switching circuitry referenced to a voltage level different from the input voltage and configured to provide a drive signal for the switch within the control voltage limit of the switch.